Mountain Weather Forecast

South Grampian and Southeast Highlands

Including South and East Cairngorms National Park, Aberdeenshire and Angus Hills, Ben Vrackie, Ben Lawers, Loch Tay and Ochils
Forecast valid from 00:00 on Tuesday 15 Feb 2022 until 23:59 on Wednesday 16 Feb 2022

Forecast Issued on Monday 14 Feb 2022 at 16:12 by Met Office Aberdeen

Confidence: High for unsettled weather with risk of severe gales on Wednesday night, some uncertainty with the timing of more persistent rain and snow. Very low confidence for conditions on Friday.

Headline for Tuesday 15 Feb 2022: Overnight rain and hill snow soon clearing, then brightening up with blustery wintry showers.

Mountain weather hazards on Tuesday 15 Feb 2022

Blizzards
Low Likelihood

Gales
Medium Likelihood

Thunderstorms
Low Likelihood

Heavy persistent snow
Low Likelihood

Severe chill effect
High Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Dull	Heavy snow	Heavy snow showers	Heavy snow showers	Heavy snow showers	Partly cloudy (night)	Cloudy
Precipitation probability							
00%	20%	70%	50%	50%	30%	10%	10%

Forecast for Tuesday 15 Feb 2022

Weather: Outbreaks of rain and high ground snow, heavy at times, will spread from the west during the early hours, then clear before dawn. A bright day with follow with scattered wintry showers, these heaviest and most frequent across western ranges, but turning lighter and more isolated later in the afternoon. Mainly dry during the evening but clouds increasing with some light rain and high ground snow over the Perthshire Hills and The Ochils later.

Chance of cloud-free hill tops above 800m: 30% becoming 60% during the afternoon.

Low Cloud and visibility: Broken cloud, bases around 600 m, becoming extensive falling onto lower slopes as the showers pass through, with blizzard like condition at times. Very good visibilities between the showers, especially during the afternoon. Broken cloud with base around 300 m forming in the rain and snow later in the evening over the Perthshire Hills and The Ochils.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Tuesday 15 Feb 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1100	22/27 SW	34/41 S	46/55 S	40/48 W	42/52 W	44/54 W	42/51 W	31/38 SW	19/23 SW
900	15/20 SW	23/30 S	30/38 S	27/35 W	31/41 W	32/42 W	27/37 W	21/28 SW	14/18 SW
600	10/18 SW	12/24 S	22/37 S	19/32 W	23/38 W	23/38 W	18/34 W	14/26 SW	9/17 SW
300	2/9 SW	3/7 S	5/10 E	9/22 W	15/30 W	16/32 W	11/26 W	8/20 W	4/12 W
Glen	4/8 W	1/7 SE	6/18 S	9/21 SW	15/29 W	17/34 W	13/29 W	6/18 W	4/10 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1100	-3/-11	-4/-14	-4/-14	-4/-14	-5/-16	-6/-17	-6/-17	-6/-15	-5/-12
900	-2/-8	-3/-10	-2/-11	-2/-11	-3/-12	-3/-13	-4/-13	-4/-12	-3/-10
600	0/-4	-0/-6	-1/-8	0/-6	-0/-7	-1/-9	-2/-9	-2/-8	-1/-6
300	-0/-2	0/-2	0/-2	2/-2	3/-2	2/-4	0/-4	-0/-4	-0/-2
Glen	-0/-2	0/-1	1/-2	2/-2	4/-0	4/-1	2/-3	-0/-3	0/-2
Freezing Level*	200m	300m	400m	500m	400m	300m	200m	100m	200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Met Office Aberdeen Meteorologist's View

Quite a marked improvement in the weather later in the afternoon as a ridge of high pressure builds, with clouds largely lifting above the summits as the showers become more isolated. Significant wind chill in the strong to gale force westerly winds over the summits.

Forecast for Wednesday 16 Feb 2022

Weather: Some light rain and hill snow at first, with heavier and more persistent rain and snow spreading northeast across all ranges during the morning, with snow becoming confined to the highest summits. Brightening up during the afternoon with sunny spells and showers, these heavy at times with hail and a low risk of thunder in the west, with the snow level lowering down to 600 m. The showers will become more frequent during the evening.

Maximum wind: South 20 gust 30 mph veering West 40 gust 60 mph, with gusts 80-90 mph across southern ranges during the evening.

Chance of cloud-free hill tops above 800m: Less than 10% becoming 40 % in the afternoon.

Low Cloud and visibility: Extensive cloud with bases 300-400 m with poor visibilities, turning patchy during the afternoon with bases lifting to around 600 m, but becoming extensive and falling onto lower slopes as the showers pass through, with blizzard like condition at times.

Temperature: **Glens:** Plus 3 rising to plus 6 for a time.
At 800m: Minus 1 rising to plus 1 for a time.
Freezing level: 600 m rising to 1000 m for a time.

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